

## INTERNATIONAL SEARCH REPORT

International Application No

/EP2004/052284

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B21/02 G02B21/00 G02B21/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/023483 A (EUROP LAB MOLEKULARBIOLOG ; FLORIN ERNST-LUDWIG (DE); TISCHER CHRISTIA) 20 March 2003 (2003-03-20) figures 9,10,13,14 page 12, line 1 - page 17, line 2 page 20, line 25 - page 23, line 25	1-25, 27-30
X	US 4 291 938 A (WAGNER DIETMAR) 29 September 1981 (1981-09-29)  figures column 3, line 53 - column 4, line 68  ----- -/--	1-9, 12-20, 23-25, 28,29



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

19 November 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 27 724 A (OPTISCAN PTY LTD) 20 January 2000 (2000-01-20)  figures 5,6 column 10, line 32 - line 63 -----	1-4,7,8, 12-15, 19,23
X	US 5 887 009 A (GARRETT MARK H ET AL) 23 March 1999 (1999-03-23)  figure 1 column 7, line 31 - column 8, line 39 -----	1-4, 12-15, 23,24, 29,30
A	US 2003/058530 A1 (KAWANO YOSHIHIRO) 27 March 2003 (2003-03-27) figure 1 abstract paragraph '0029! - paragraph '0047! -----	1-30

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

.../EP2004/052284

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03023483 ✓	A	20-03-2003	DE 10143481 A1	20-03-2003
			CA 2459363 A1	20-03-2003
			WO 03023483 A2	20-03-2003
			EP 1423746 A2	02-06-2004
US 4291938 ✓	A	29-09-1981	DE 2852203 A1	04-06-1980
			CA 1124116 A1	25-05-1982
			DE 2963185 D1	12-08-1982
			EP 0011709 A2	11-06-1980
			IT 1164526 B	15-04-1987
			JP 1105276 C	16-07-1982
			JP 55076320 A	09-06-1980
			JP 56051324 B	04-12-1981
DE 19927724 ✓	A	20-01-2000	DE 19927724 A1	20-01-2000
			GB 2353369 A ,B	21-02-2001
			GB 2361314 A	17-10-2001
			GB 2338568 A ,B	22-12-1999
US 5887009	A	23-03-1999	WO 9853272 A1	26-11-1998
US 2003058530	A1	27-03-2003	JP 2003098439 A	03-04-2003